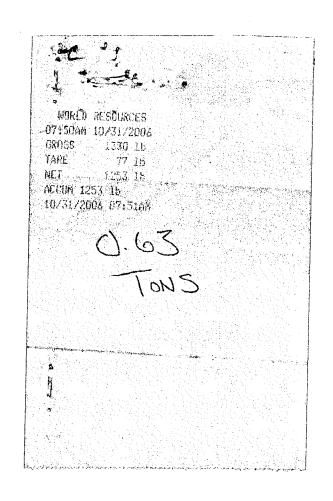
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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number		2. Page 1 of	3. Emergency Response		4. Manifest		umber  } 058	7.	JK
5. Genérator's Name and Mailing Alaskan Copper 3200 Sixth Aven Seattle, WA 931 Generator's Phone: 206,382	g Address Works we South 24			Generator's Site Address						
6. Transporter 1 Company Name						U.S. EPA ID				Ta sa
7. Transporter 2 Company Name	SLT Exp	263500				U.S. EPAID I	OOC Number	)OO 7	705	
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World Resource 8113 West Shen Tolleson, AZ 853 Facility's Phone: #802) 23	man Street 153					AZD I	98073	5500		
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#### WORLD RESOURCES COMPANY

#### **WEIGH TICKET**

e.	DATE 10/31/06	
	COMPANY ALASKAN COPPER CITY SEATHE STATE WA	-WORLD RESOURCES COMPANY 8113 West Sherman St. -Phoenix.Az.85043-3000 (602) 233-9166
	COMMODITY D()07/K  MANIFEST # 00   580 587 55K	T10 507 - 07×57 AM 10/31/06 - 08055 - 60920 LB STOREO
و در وجم	CARRIER SLT	— (B 587 — (B 587 - 1947 M-1944)
	REMARKS 37 DRUMS	GROSS 60920 LB REVALLED  THRE 38200 LB  NET 27720 LB  -1924 Deum Weight  -25796
्रे क्रि	WEIGHER 1) 12	25796 TOTAL TONS 12.90



WASTE MANIFEST WAD980738546	ge 1 of 3. E						OMB No. 2050-0039
	-	mergency Response 		4. Manifest			7 JJK
5. Generator's Name and Mailing Address Alaskan Copper Works 3200 Sixth Avenue South Seattle, WA 98124 Generator's Phone: 208-312-8379 6. Transporter 1 Company Name	Gene	erator's Site Address (	if different ti	nan mailing addres	Telephone Telephone		And the second second
7. Transporter 2 Company Name				U.S. EPA ID N		1007.	7 Q \$ (
8. Designated Facility Name and Site Address				U.S. EPA ID N	umber	······································	
World Resources Company 8113 West Sherman Street Tolleson, AZ 85353 Facility's Phone: (602) 233 9166				AZDS	8073	5500	
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Contain		11. Total	12. Unit	13. V	Vaste Codes
1. 100 Hammadana mattal man		No. 37	Type DIM	Quantity	Wt./Vol.	D007	
RA ( )			4,71,7	24,570			
(D007), 9, NA3077, III  2 RQ, Hazardous waste, solid, n.o.s., (F006), 9, NA3077, III		1	CF	1333	P	F006	
3.	,				A	der pi	
<b>                                     </b>							477
			52%		- 49	,	10 10 10 10 10 10 10 10 10 10 10 10 10 1
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Transporter signature (for exports only):	rt from U.S.	Port of entr Date leavin	-	<u> </u>	5		
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Transporter 2 Printed/Typed Name	Cinnet		36 mg	1		/ V	لــــــــــــــــــــــــــــــــــــــ
Z Timespotter & Fillion types (terrie	Signature					Mont	h Day Year
18. Discrepancy	.,,1						
18a. Discrepancy Indication Space Quantity Type		Residue		Partial Reje	ction	, E	Trull Rejection
	1 4	Manifest Reference	Number:				
18b. Alternate Facility (or Generator)				U.S. EPA ID N	umber	· ·	
Facility's Phone:						* *	
18b. Alternate Facility (or Generator)  Facility's Phone:  18c. Signature of Alternate Facility (or Generator)  19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, of 1.					Hitchia and Su	Mon	th Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, d	disposal, and	recycling systems)					
		<u> </u>		4.	1		
1. H129 2. H129	3.						
20. Designated Eartility Owner or Operator Settification of receipt of hazardous materials covered by the PrintedTyped Name			18a			Mon	th Day Year



AZE010\\F1

#### WORLD RESOURCES COMPANY ARIZONA RECYCLING FACILITY

In partnership with the environment

## LDRN LAND DISPOSAL RESTRICTION NOTICE



A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation—and, typically, State analogues as well—requires the retention period to be extended further in specified cases.

To:	WORLD RESOURCES C	OMPANY	8113 We	est Sherman Stre	eet, Tolleson,	AZ 85353	
From:	COMPANY NAME: Alaskan Copper Works		COMPANY 3200 Sixth	ADDRESS: Avenue South, Seal	ttle, WA 98124		
	NIFEST 00 158	30587	72K	DATE OF SHIPMENT:	10-2	5-06	

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable land disposal restriction information, provided in accordance with 40 CFR §268.7(a)(2), is as shown in this table ■

	EPA Material Number F006	Treatability Group non-wastewate	er	CFR Reference for Treatment Standards 40 CFR §268.40	
SIGNATURE:		> ]	TITLE	: Euro. Asso	-
NAME PRINTED: Gend	Ve Thomps	56V	DATE	: 10/25/00	

#### **Instructions for Completion of this Land Disposal Restriction Notice [LDRN]**

This LDRN has been prepared based on a listed material--F006--as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

An F006 designation on the LDRN *includes* the following constituents: cadmium [D006], chromium [D007], lead [D008], silver [D011], cyanide, and nickel. However, the designation does *not* include arsenic [D004], barium [D005], mercury [D009], or selenium [D010]. If your F006 material contains any of those four constituents not included in the F006 designation, then use the following instructions.

In determining the need for any additional entries on the LDRN for the F006 material, the levels of arsenic, barium, mercury and selenium must be examined to determine if the levels equal or exceed the threshold concentrations of constituents for the Toxicity Characteristic limit as identified in 40 CFR §261.24 (Table 1), as shown in the left-hand column of the table below [as stated in 40 CFR §268.9].

If (after testing or based upon the generator's knowledge of the material) each metal level does not equal the Toxicity Characteristic level shown below, then *no additional entry* is required on the LDR Notice. If the level is known to be or determined to be equal to or above the limit shown below for any of these metals, then the appropriate information corresponding to that individual metal (in the right-hand column below) *must be added* to the LDR Notice.

	E INFORMATION CHARACTERISTIC				
Metal	Concentration Level	EPA Material Number	Treatability Group	CFR Reference for Treatment Standards	
ARSENIC	5.0 mg/l	D004	non-wastewater	40 CFR §268.40	
BARIUM	100.0 mg/l	D005	non-wastewater	40 CFR §268.40	
MERCURY	0.2 mg/l	D009	non-wastewater	40 CFR §268.40	
SELENIUM	1.0 mg/l	D010	non-wastewater	40 CFR §268.40	

**FOOG GENERATORS** 



#### WORLD RESOURCES COMPANY

ARIZONA RECYCLING FACILITY

In partnership with the environment

## LDRN LAND DISPOSAL RESTRICTION NOTICE



A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation—and, typically, State analogues as well—requires the retention period to be extended further in specified cases.

TO: WOF	RLD RESOURCES COM	<b>PANY</b> 8113 W	est Shermo	ın Street, Tolleson, AZ 8535	3
	an Copper Works			th, Seattle, WA 98124	
[COI	MPANY NAME]	[COMPANY	'ADDRESS]		
MANIFEST NUMBER:	00158058	371K	DATE SHIPME		
				San Jan San San San San San San San San San S	
40 CI	FR Part 268. The application of the second contract of the second co		restriction	eland disposal restrictions n information, provided in yn in this table \$	
	EPA Mat Numb		- 1	CFR Reference for Treatment Standards	
	D00	7 non-was	tewater	40 CFR §268.40	
SIGNATURE:	3/		TITLE	: Erriea Assi	•
			<del></del>		_
NAME PRINTED:	GERSCO Tho	mpsu-	DATE	10-25-06	

# Instructions for the Completion of this Land Disposal Restriction Notice ( **D007** LDRN )

This LDRN has been prepared based on a listed material--D007--as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

If your material is described by additional "D" characteristic EPA waste codes, then they must each be included on the LDR Notice.

AZF010NF3 ©1994 by WORLD RESOURCES COMPANY. All rights reserved. Revised 11/08/98; 07/24/00; 08/01/01. This Revision:12-22-05.

**1007 GENERATORS** 

#### **Material Safety Data Sheet**

DO07

MSDS ID # AZ-22-C

**EPA Waste Classification:** 

Generic Name:

D007 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

«Tel: (602) 233 9166 Fax: (623) 936 9164

January 2006 DLS

Call CHEMTREC only in the event of emergencies during shipping that involve a spill, leak, fire or accident

(all calls are recorded)

For Emergencies During Shipping in the US or Canada, Day or Night,

Call: CHEMTREC 800-424-9300

Use CHEMTREC Company Code "WORR"

From other countries call: 703-527-3887

Material Identification

Section 1

DOT Shipping Name:

None Known

RQ, Hazardous waste solid, n.o.s. (D007)

Chromium Bearing Filter Cake **DOT Hazard Class:** Chemical Family: Metallic (Hydroxide) Precipitates DOT Packing Group:

Synonym: Non-ferrous Metal Hydroxide Filter Cake **DOT Identification Number:** NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2 Hazardous Ingredients Ingredient: CAS Number: Content (%): OSHA PEL (8hr TWA): Toxicology (rat, oral): Copper Hydroxide 20427-59-2 0 - 301.0 mg(Cu)/m3 (Dust) LD-50 1,000 mg/kg Chromic Hydroxide 1308-58-1 0 - 200.05 mg(Cr)/m<sup>3</sup> (Dust) LD-50 Not Determined Nickel Hydroxide 12054-48-7 0 - 151.0 mg(Ni)/m3 (Dust) LD-50 1,500 mg/kg Calcium Hydroxide 1305-62-0 0 - 155.0 mg/m<sup>3</sup> (Dust) LD-50 7,340 mg/kg Diatomite 61790-53-2 0 - 105.0 mg/m<sup>3</sup> (Dust) LD-50 Not Determined

Section 3

Handling:

Storage:

Description: Solid, Clay-like, Gray/Green

to Brown, Moisture ~ 30 - 80%

Specific Gravity: 2.5 to 3.5 Solubility: Insoluble in Water Density: 50 - 90 lbs/ft3

Incompatible Reactivity:

Insignificant Vapor Pressure:

Physical and Reactivity Data

**Boiling Point:** Above 2,600°C **Melting Point:** Above 1,800°C

pH: 7.0 to 10.0 Odor: Nil Polymerization: Will Not Occur

**Section 4** Fire and Explosion Data

Avoid Contact with Acids

Flashpoint: Nonflammable Special Firefighting Procedures:

None Decomposition (Due to Fire or Explosion): Oxidation: Non-oxidizing **Explosive:** Non-explosive

**NFPA** Fire Diamond

Section 5 **Toxicity** 

Listed Carcinogen Components: Toxicology: Nickel, Chromium See Sec. 2 Route of Entry: Inhalation, Ingestion

Section 6 **Health Effects and First Aid** 

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.

Stability:

Ingestion: Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.

Eves: Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.

Dust may irritate skin with prolonged contact. Wash with soap and water. Skin:

None

Comments: Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and

metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

Section 7 **Precautions for Safe Handling** 

Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.

Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid

00158058

inhalation or ingestion. Store in a dry area under cover to protect from rain.

Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to Spills:

World Resources Company at the above address.

Section 8 Control Measures

Respiratory Protection: NIOSH-MSHA approved respirators as required. **Eve Protection:** Safety glasses recommended.

Other Protective Equipment: Coveralls are recommended, but not required, **Hand Protection:** Gloves recommended.

Section 9 Generator's Verification

This MSDS describes the material listed in the attached Manifest #:

Company Name: Alaskan Copper Works

Company Address: 3200 Sixth Avenue South, Seattle, WA 98124

Telephone: 206-382-8379 Date:

#### **Material Safety Data Sheet**

MSDS ID # AZ-10-C

F006 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

January 2006 DLS

Call CHEMTREC only in the event of emergencies during shipping that involve a spill, leak, fire or accident

(all calls are recorded)

For Emergencies During Shipping in the US or Canada, Day or Night,

Call: CHEMTREC 800-424-9300

Use CHEMTREC Company Code "WORR"

From other countries call: 703-527-3887

Section 1 **Material Identification** 

**EPA Waste Classification:** 

Electroplating/Metal-Finishing Wastewater Treatment Sludge

Generic Name: Chemical Family: Metallic (Hydroxide) Precipitates

Non-ferrous Metal Hydroxide Filter Cake

**DOT Shipping Name:** RQ, Hazardous waste solid, n.o.s. (F006)

**DOT Hazard Class:** 

**DOT Packing Group:** 

**DOT Identification Number:** NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2				Hazardous Ingredients
Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 – 30	1.0 mg(Cu)/m <sup>3</sup> (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 – 15	1.0 mg(Ni)/m <sup>3</sup> (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 – 15	5.0 mg/m <sup>3</sup> (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 – 10	5.0 mg/m <sup>3</sup> (Dust)	LD-50 Not Determined

Section 3

Description: Solid, Clay-like, Gray/Green

to Brown, Moisture ~ 30 - 80%

Specific Gravity: 2.5 to 3.5 Solubility: Insoluble in Water Density: 50 - 90 lbs/ft3

Incompatible Reactivity:

Vapor Pressure: Insignificant Stability: Avoid Contact with Acids Physical and Reactivity Data

**Boiling Point:** Above 2.600°C **Melting Point:** Above 1.800°C

pH: 7.0 to 10.0 Odor: Polymerization: Will Not Occur

Section 4 Fire and Explosion Data

Flashpoint: Nonflammable **Special Firefighting Procedures:** 

None Decomposition (Due to Fire or Explosion):

Explosive:

None

Oxidation: Non-oxidizina Non-explosive

None Known

**NFPA** Fire Diamond



Section 5 Toxicity

**Listed Carcinogen Components:** Nickel Toxicology: See Sec. 2 Route of Entry: Inhalation, Ingestion

Section 6 Health Effects and First Aid Inhalation:

Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms. Ingestion: Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.

Eyes: Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.

Skin: Dust may irritate skin with prolonged contact. Wash with soap and water.

Comments: Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and

metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body

systems – blood, digestive, respiratory, liver, kidneys and skin.

Section 7 Precautions for Safe Handling

Handling: Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.

Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid Storage:

inhalation or ingestion. Store in a dry area under cover to protect from rain.

Spills: Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to

World Resources Company at the above address.

Section 8 Control Measures

Respiratory Protection: NIOSH-MSHA approved respirators as required. **Eye Protection:** Safety glasses recommended.

Other Protective Equipment: Coveralls are recommended, but not required. **Hand Protection:** Gloves recommended

Section 9 **Generator's Verification** This MSDS describes the material listed in the attached Manifest #: Company Name: Alaskan Copper Works

Company Address: 3200 Sixth Avenue South, Seattle, WA 98124

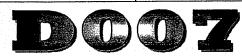
Telephone: 206-382-8379 Date: Signature:



#### WORLD RESOURCES COMPANY ARIZONA RECYCLING FACILITY

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## LDRN LAND DISPOSAL RESTRICTION NOTICE



A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation—and, typically, State analogues as well—requires the retention period to be extended further in specified cases.

TO: W	ORLD RESOURC	CES COMPANY	8113 West S	herma	n Street, Tolleson, AZ 85353	
FROM: Ala	askan Copper Works		3200 Sixth Ave	enue Sout	h, Seattle, WA 98124	
[9	COMPANY NAME]		[COMPANY ADD	RESS]		
MANIFE: NUMBE	1 / // // 4	80283-2	JK	DATE SHIPME		
	This	shipment of ma	aterial is subjec	t to the	land disposal restrictions	of
40	CFR Part 268. T	he applicable lai	nd disposal res \$268 7(a)(2)  ic :	strictior se show	information, provided in on in this table \$\\\\$	accordance with
		40 CI K	3200.7 (a)(2), 13 (	25 5110 1	Time days were	
		EPA Material Number	Treatabili Group		CFR Reference for Treatment Standards	
		D007	non-wastew	ater	40 CFR §268.40	
SIGNATUF	RE:			TITLE	: Emra Asso.	
NAI	ME GERBUD			DATE		

## Instructions for the Completion of this Land Disposal Restriction Notice

( **D007** LDRN )

This LDRN has been prepared based on a listed material--D007--as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

If your material is described by additional "D" characteristic EPA waste codes, then they must each be included on the LDR Notice.

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**1007 GENERATORS** 



#### WORLD RESOURCES COMPANY

ARIZONA RECYCLING FACILITY

EDA Material

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### LDRN LAND DISPOSAL RESTRICTION NOTICE



A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation—and, typically, State analogues as well—requires the retention period to be extended further in specified cases.

To:	WORL	RESOURCES COMPANY	8113 W	est Sherman Stree	t, Tolleson, A	Z 85353	
rom:	1	IY NAME: Copper Works	COMPANY 3200 Sixt	ADDRESS: h Avenue South, Seattle	e, WA 98124		
MA	NIFEST	001580587	JJK	DATE OF SHIPMENT:	10-25-	-06	

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable land disposal restriction information, provided in accordance with 40 CFR §268.7(a)(2), is as shown in this table ■

	Number	Group	Treatment Standards	
	F006	non-wastewater	40 CFR §268.40	
SIGNATURE:		> TI	TLE: EUNO. ASSO	T
NAME PRINTED: Gene	Ve Thoup	Sav DA	ATE: 10/25/06	

Treatability

#### Instructions for Completion of this Land Disposal Restriction Notice [LDRN]

This LDRN has been prepared based on a listed material—F006—as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

An F006 designation on the LDRN *includes* the following constituents: cadmium [D006], chromium [D007], lead [D008], silver [D011], cyanide, and nickel. However, the designation does *not* include arsenic [D004], barium [D005], mercury [D009], or selenium [D010]. If your F006 material contains any of those four constituents not included in the F006 designation, then use the following instructions.

In determining the need for any additional entries on the LDRN for the F006 material, the levels of arsenic, barium, mercury and selenium must be examined to determine if the levels equal or exceed the threshold concentrations of constituents for the Toxicity Characteristic limit as identified in 40 CFR §261.24 (Table 1), as shown in the left-hand column of the table below [as stated in 40 CFR §268.9].

If (after testing or based upon the generator's knowledge of the material) each metal level does not equal the Toxicity Characteristic level shown below, then *no additional entry* is required on the LDR Notice. If the level is known to be or determined to be equal to or above the limit shown below for any of these metals, then the appropriate information corresponding to that individual metal (in the right-hand column below) *must be added* to the LDR Notice.

4	E INFORMATION CHARACTERISTIC	APPI	Number Group Tre		
Metal	Concentration Level	EPA Material Number	1	CFR Reference for Treatment Standards	
ARSENIC	5.0 mg/l	D004	non-wastewater	40 CFR §268.40	
BARIUM	100.0 mg/l	D005	non-wastewater	40 CFR §268.40	
MERCURY	0.2 mg/l	D009	non-wastewater	40 CFR §268.40	
SELENIUM	1.0 mg/l	D010	non-wastewater	40 CFR §268.40	

FOOG GENERATORS